

# INTERNATIONAL SEARCH REPORT

Intern al Application No  
PCT/GB2004/005331

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C07D401/06 A61K31/47

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, EMBASE, BIOSIS, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 579 855 A (BOEMCHES ET AL) 1 April 1986 (1986-04-01)  column 1, line 20 - page 2, line 36 column 3, lines 18-20; claims 2,4-6; figures 5,6; examples 1-7	1,6-8, 11-14, 20,21
X	KITAMURA, SATOSHI ET AL: "Polymorphism of mefloquine hydrochloride" INTERNATIONAL JOURNAL OF PHARMACEUTICS , 101(1-2), 127-44 CODEN: IJPHDE; ISSN: 0378-5173, 1994, XP002324644 abstract page 129, column 1, paragraph 1 page 130, column 2, paragraphs 2,3 page 133, column 1, paragraph 1; figures 2,3,5-7,11,12; table 1 page 128, column 2, paragraph 1 ----- -/--	1,6-8, 11-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

18 April 2005

Date of mailing of the international search report

02/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KISS, A. ET AL: "Solid state investigation of mefloquine hydrochloride" JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS , 12(7), 889-93 CODEN: JPBADA; ISSN: 0731-7085, 1994, XP002324645 abstract; figure 2; tables 2,3,5 -----	1,6-9, 11,12
X	KARLE, JEAN M. ET AL: "Crystal structure of (-)-Mefloquine hydrochloride reveals consistency of configuration with biological activity" ANTIMICROBIAL AGENTS AND CHEMOTHERAPY , 46(5), 1529-1534 CODEN: AMACQ; ISSN: 0066-4804, 2002, XP002324646 cited in the application page 1529, column 2, paragraph 4 page 1530, column 2, paragraph 3; figure 1; table 1 -----	1,6,7, 11,12,15
X	CARROL ET AL: "Optical isomers of aryl-2-piperidylmethanol antimalarial agents. Preparation, optical purity, and absolute stereochemistry" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 17, no. 2, 1974, pages 210-219, XP002093258 ISSN: 0022-2623 cited in the application page 217, column 2, paragraph 11 Scheme I on page 210 page 218, column 1, paragraph 4; tables I,III,IV -----	1,6,7, 11,12, 20,21

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Internat

ional Application No

PCT/GB2004/005331

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4579855	A	01-04-1986	AT 55387 T 15-08-1990
			BG 60836 B2 30-04-1996
			DE 3482926 D1 13-09-1990
			EP 0137375 A2 17-04-1985
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			JP 2055432 B 27-11-1990
			JP 60105675 A 11-06-1985